



Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Tue, 16 Aug 2005, 7:18:52 AM EST

Edit an existing query or compose a new query in the Search Query Display.

Search Query Display

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

- [#1](#) ((queue inference)<in>metadata)
- [#2](#) (waiting times<in>de)
- [#3](#) (bertsimas d.j.<in>au)
- [#4](#) (servi l.d.<in>au)
- [#5](#) (daley d.<in>au)
- [#6](#) (queue<in>metadata) <and> (inference<in>metadata)
- [#7](#) (queue<in>metadata) <and> (performance<in>metadata)
- [#8](#) (queue<in>metadata) <and> (performance<in>metadata) <a...
- [#9](#) (queue<in>metadata) <and> (statistics<in>metadata)
- [#10](#) (patel s.<in>au)
- [#11](#) (patel <in>au) and (pie <in>metadata)
- [#12](#) (patel<in>au) <and> (pie<in>ti)
- [#13](#) (patel<in>metadata) <and> (susmit<in>au)
- [#14](#) (order statistics<in>de)
- [#15](#) (larson<in>au)
- [#16](#) (larson r.<in>au)
- [#17](#) (larson r. c.<in>au)

Recent Searches

[Close window](#) | [Help](#)Add terms to your search using: **AND**

- | | | |
|---|---------------|--|
| 27. "service-time" data
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 5 results | Add to Search
Setup Alert |
| 26. LPER({HALL, SUSAN})
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 116 results | Add to Search
Setup Alert |
| 25. au(hall susan)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 295 results | Add to Search
Setup Alert |
| 24. au(leung ying)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 9 results | Add to Search
Setup Alert |
| 23. au(leung)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 7619 results | Add to Search
Setup Alert |
| 22. au(steichen)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 155 results | Add to Search
Setup Alert |
| 21. au(daley d.j.)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 8 results | Add to Search
Setup Alert |
| 20. au(daley)
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 19695 results | Add to Search
Setup Alert |
| 19. daley d j
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 1438 results | Add to Search
Setup Alert |
| 18. daley
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 91526 results | Add to Search
Setup Alert |
| 17. arrival rate queue pos
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 0 result | Add to Search
Setup Alert |
| 16. arrival rate queue
<i>Database:</i> Multiple databases...
<i>Look for terms in:</i> Citation and abstract
<i>Publication type:</i> All publication types | 257 results | Add to Search
Setup Alert |
| 15. arrival rate
<i>Database:</i> Multiple databases... | 562 results | Add to Search |

- Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
14. customer arrival 80 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
13. ying leung 17 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
12. jennifer steichen 3 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
11. queue performance 2 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
10. queue statistics 10 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
9. markov chains queue transaction 3 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
8. markov chains queue 117 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
7. AU(Larson, Richard C.) 37 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
6. AU(Larson, Richard C.) 37 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
5. SUB(Transactional analysis) AND SUB(Queuing theory) 1 result [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
4. AU(Daley, D J) 8 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)
3. AU(Servi, L. D.) 9 results [Add to Search](#)
Database: Multiple databases...
Look for terms in: Citation and abstract
Publication type: All publication types [Set up Alert](#)

[Close window](#) | [Help](#)

TAGGED-READY

	Document ID	Title	Current OR	Inventor
1	US 4398257 A	Customer queue control method and system	713/300	Paganini; Bruno J. et al.
2	US 4675647 A	System for determining a queue sequence for serving customers at a plurality of service points	340/286.06	Salin; Rune et al.
3	US 4700295 A	System and method for forecasting bank traffic and scheduling work assignments for bank personnel	705/10	Katsof; Barry et al.
4	US 4788715 A	Announcing waiting times in queuing systems	379/84	Lee; Dooyong
5	US 5245163 A	Queue monitoring and/or control system	235/377	Bar-Yehuda; Abraham
6	US 5390107 A	Checkout lane alert system and method	705/10	Nelson; John D. et al.
7	US 5408210 A	Electronic cash register with customer line length indication	705/16	Oka; Yukihiko
8	US 5506898 A	Expected wait-time indication arrangement	379/266.06	Costantini; Ralph J. et al.
9	US 5541835 A	Monitoring and forecasting customer traffic	705/10	Dextraze; Marcel et al.
10	US 5557513 A	Checkout lane alert system and method for stores having express checkout lanes	705/8	Frey; Ronald G. et al.
11	US 5583792 A	Method and apparatus for integration of traffic measurement and queueing performance evaluation in a network system	709/224	Li; San-Qi et al.

	Document ID	Title	Current OR	Inventor
12	US 5938749 A	Queue measurement apparatus and methodology	710/54	Rusu; Marinica et al.
13	US 6023681 A	Method and apparatus for predicting queuing delays	705/8	Whitt; Ward
14	US 6424623 B1	Virtual queuing system using proximity-based short-range wireless links	370/230	Borgstahl; Ronald William et al.
15	US 6792394 B1	Method and apparatus for determining the retail performance metric of entry identification time	702/187	Matsko; Michael J. et al.
16	US 6829583 B1	Method and apparatus to determine mean time to service	705/5	Knapp; Kenneth C. et al.
17	US 6847393 B2	Method and system for monitoring point of sale exceptions	348/61	Ashe; Christopher et al.
18	US 20030036936 A	Customer arrival time estimation method for estimating queue length in point of sale terminal, involves extracting service time for each customer from terminal, to accordingly group customers into busy period		LEUNG, Y T et al.
19	US 20020178048 A1	Systems and methods for providing performance feedback to a cashier at a point-of-sale terminal	705/11	Huffman, Jackie L.

	Document ID	Title	Current OR	Inventor
20	US 20030036936 A1	Computer method and apparatus to estimate customer arrival times using transactional data	705/7	Steichen, Jennifer L. et al.
21	US 20040015424 A1	Convenience store effectiveness model (CSEM)	705/35	Cash, Charles Robert et al.
22	US 20050038695 A1	Method and apparatus for storing retail performance metrics	705/10	Matsko, Michael James
23	US 4858120 A	System for regulating arrivals of customers to servers	705/11	Samuelson; Douglas A.
24	US 5621812 A	Method and system for building a database for use with selective incentive marketing in response to customer shopping histories	382/100	Deaton; David W. et al.
25	US 6795809 B2	Method and apparatus for logging system test data in a POS system	705/16	O'Brien; Michael R. et al.
26	US 20030065569 A1	Method and apparatus for coordinating transaction data for a plurality of point-of-sale terminals	705/21	Danis, Aaron et al.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
SCAN L5	49	("3727034" "4122331" "4127766" "4303851" "4398257" "4528679").PN. OR ("4700295").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:00
L6	11	("4398257" "4700295" "4757529" "4855904" "5006983" "5193110").PN. OR ("5844980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:04
L16	13	("20020075307" "20020143923" "4145715" "4337482" "4630110" "5216502" "5895453" "5915069" "6035341" "6075560" "6330025" "6421080" "6542075").PN. OR ("6847393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:08
L17	447	(point near2 sale) near5 (transaction transactional) near2 (data information)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:15
SCAN L18	54	((point near2 sale) near5 (transaction transactional) near2 (data information)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:09
L19	0	("2003/0065569").URPN.	USPAT	OR	ON	2005/08/16 09:13
L20	25	((point near2 sale) near5 (transaction transactional) near2 (data information)) and timestamp	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 09:16
S1	1	("20030036936").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:39

SCAN

SCAN

↓

↓

S2	76	("5892900" "5910987" "5915019" "5917912" "5949876" "5982891" "6237786" "6253193" "6285810" "6292830" "6363488" "6389402" "6427140" "4260103" "4315265" "4343248" "4364868" "4470109" "4490804" "4803796" "4956612" "5007410" "5203452" "5377989" "5623220" "5764843" "5781084" "5913706" "6071114" "4896248" "5375479" "6065762" "6068796" "5495564" "6063131" "6392667" "6693740" "5518436" "5896822" "5927243" "4566796" "4763018" "4815898" "4906215" "5022033" "5191441" "5191524" "5239596" "5463729" "5490517").pn. ("5601572" "5607338" "5762047" "5933770" "5956454" "5988213" "6099102" "6262161" "6268853" "6269221" "6282368" "6284277" "6285513" "6288183" "6288815" "6291624" "6313128" "6335889" "6362270" "6365462" "6380550" "6420375" "6424506" "6424589" "6430348").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:54
S3	152248	(INTERNATIONAL BUSINESS MACHINES).as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:54
S4	9409	S3 and (queue (transaction\$3 adj data) POS (arrival adj time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:55
S5	0	S3 and (queue and (transaction\$3 adj data) and POS and (arrival adj time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:55
S6	1	(queue same(transaction\$3 adj data) same POS same (arrival adj time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:55
S7	1	((transaction\$3 adj data) same POS same (arrival adj time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 15:55
S8	0	("2003/0036936").URPN.	USPAT	OR	ON	2005/08/15 15:56
S9	0	(Steichen and Jennifer).in.	USPAT	OR	ON	2005/08/15 15:56
S10	2	(Steichen and Jennifer).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:57

594m

S11	98	(Leung and Ying).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 16:00
S12	20	customer adj arrival adj times	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 16:00
S13	85	(user client customer individual) adj arrival adj times	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 16:04
S14	30	S13 and (purchase transaction\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 16:01
S15	55	S13 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 16:04
S16	39	("3803578" "4700295" "4965743" "5163000" "5250941").PN. OR ("5541835"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:06

S17	58	("3893097" "3998570" "4081669" "4086475" "4095739" "4097727" "4247759" "4298793" "4398257" "4512667" "4538056" "4598275" "4752776" "4780599" "4802218" "4816658" "4818998" "4889981" "5006983" "5066853" "5134720" "5210786" "5245163" "5287269" "5305197" "5317318" "5408417" "5429361" "5455851" "5461371" "5491326" "5502806" "5541835" "5655053" "5724520" "5754654" "5893097" "5929848" "5940510" "5946444" "5948040" "5966654" "5978770" "5987420" "5987421" "6094640" "6173209" "6216227" "6260027" "6329919" "6363351" "6374176" "6424623" "6454174" "6463534" "6464623" "6490409" "6529786").PN. OR ("6889098"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:07
S18	27	(US-20020156674-\$ or US-20020178048-\$ or US-20020184085-\$ or US-20040210475-\$ or US-20040215503-\$ or US-20050038695-\$).did. or (US-4413277-\$ or US-4671772-\$ or US-5172313-\$ or US-5212635-\$ or US-5239460-\$ or US-5416694-\$ or US-5500795-\$ or US-5826240-\$ or US-5864616-\$ or US-5980429-\$ or US-6047261-\$ or US-6049779-\$ or US-6094642-\$ or US-6119097-\$ or US-6157808-\$ or US-6585622-\$ or US-6792394-\$ or US-6795809-\$ or US-6853975-\$ or US-6871185-\$ or US-6871195-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 16:13
S19	21	("4482976" "4618936" "4760245" "5119295" "5235509" "5241649" "5351186" "5383111" "5408210" "5426282" "5482139" "5513250" "5679001" "5698834" "5704009" "5758322" "5818909" "5826240" "5926796" "6023688" "6317716").PN. OR ("6871185"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:14
S20	8	("3803578" "3921160" "3993094" "4700295").PN. OR ("5408210").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:16

SCAN

SCAN

S21	39	(US-20010056405-\$ or US-20020062245-\$ or US-20020161651-\$ or US-20020178085-\$ or US-20030018584-\$ or US-20030039379-\$ or US-20030088832-\$ or US-20030171977-\$ or US-20030187677-\$ or US-20040199428-\$).did. or (US-4973952-\$ or US-5227874-\$ or US-5264822-\$ or US-5287266-\$ or US-5305197-\$ or US-5331544-\$ or US-5541835-\$ or US-5630068-\$ or US-5646616-\$ or US-5712830-\$ or US-5729697-\$ or US-5821513-\$ or US-5918211-\$ or US-5963948-\$ or US-5966696-\$ or US-6011487-\$ or US-6032127-\$ or US-6112988-\$ or US-6129276-\$ or US-6173891-\$ or US-6317718-\$ or US-6381583-\$ or US-6405159-\$ or US-6484939-\$ or US-6536658-\$ or US-6659344-\$). did. or (US-6820062-\$ or US-6826554-\$ or US-6836773-\$). did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 16:17
S22	411	((point near2 sale) POS) near5 (transaction\$3 purchas\$3) near5 (time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 16:18
S23	334	S22 and (queue line)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 16:18
S24	84	S22 and ((queue line) near5 (length time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 16:19
S25	16	("3808410" "4536842" "4700295" "5138638" "5388165" "5390107").PN. OR ("5390107" "5557513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:20
S26	13	("20020075307" "20020143923" "4145715" "4337482" "4630110" "5216502" "5895453" "5915069" "6035341" "6075560" "6330025" "6421080" "6542075").PN. OR ("6847393"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 16:24
S27	0	("2002/0178048").URPN.	USPAT	OR	ON	2005/08/15 16:26
S28	114834	(queue line) near5 (performance metrics results track\$3)	USPAT	OR	ON	2005/08/15 16:27
S29	49625	(queue line) near2 (performance metrics results track\$3)	USPAT	OR	ON	2005/08/15 16:27
S30	1066	S29 and (pos (point near2 sale))	USPAT	OR	ON	2005/08/15 16:28

S31	283	S30 and (purchase transaction\$3)	USPAT	OR	ON	2005/08/15 16:28
S32	264	((pos (point near2 sale)) and (transaction transactional)).ab.	USPAT	OR	ON	2005/08/15 16:29
S33	188	S32 and @py<"2002"	USPAT	OR	ON	2005/08/15 16:36
S34	1139	queue adj length	USPAT	OR	ON	2005/08/15 16:36
S35	32	S34 and (pos)	USPAT	OR	ON	2005/08/15 16:38
S36	6	S34 and (point near2 sale)	USPAT	OR	ON	2005/08/15 16:39
S37	3419	(wait\$3 near2 line)	USPAT	OR	ON	2005/08/15 16:39
S38	8	S19 and (point near2 sale)	USPAT	OR	ON	2005/08/15 16:39

5CAN

S39	63	(US-20010018660-\$ or US-20010049619-\$ or US-20020059082-\$ or US-20020152107-\$ or US-20030050801-\$ or US-20030115088-\$ or US-20050060198-\$ or US-20050075906-\$).did. or (US-4675647-\$ or US-4937743-\$ or US-5006983-\$ or US-5032083-\$ or US-5065315-\$ or US-5502806-\$ or US-5506898-\$ or US-5535322-\$ or US-5559707-\$ or US-5642303-\$ or US-5748907-\$ or US-5755479-\$ or US-5774827-\$ or US-5790974-\$ or US-5831534-\$ or US-5848395-\$ or US-5978770-\$ or US-5991730-\$ or US-6059184-\$ or US-6073110-\$ or US-6179358-\$ or US-6189783-\$ or US-6282487-\$ or US-6329919-\$ or US-6345260-\$ or US-6389454-\$). did. or (US-6411899-\$ or US-6421649-\$ or US-6424623-\$ or US-6529786-\$ or US-6745154-\$ or US-6748364-\$ or US-6749112-\$ or US-6792087-\$ or US-6829583-\$). did. or (DE-19955211-\$ or WO-2101622-\$ or WO-9725682-\$). did. or (JP-09265503-\$ or JP-2001357307-\$ or JP-2002015060-\$ or JP-2002049690-\$ or JP-2002073804-\$ or JP-2002074121-\$ or JP-2002132931-\$ or JP-2002149799-\$ or JP-2002157331-\$ or JP-2002245311-\$ or JP-2002279064-\$ or JP-2002312473-\$ or JP-2002329002-\$ or JP-2003030416-\$ or JP-2004030298-\$ or JP-2004110238-\$ or JP-63068969-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/15 17:01
S40	8	("3803578" "3893094" "4398257").PN. OR ("4675647"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 17:03
S41	8	("3803578" "3893094" "4398257").PN. OR ("4675647"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 17:07
S42	53	("4788715" "4953204" "5025468" "5206903" "5214688").PN. OR ("5506898"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 17:08

S43	31	("5167033" "5226041" "5268900" "5278969" "5319753" "5359592" "5379297" "5446733" "5506898" "5561663" "5572520" "5583792" "5623668").PN. OR ("5938749").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 17:10
S44	24	("4298793" "4398257" "4512667" "5006983" "5287269" "5305197" "5408417" "5502806" "5724520" "5812955" "5898831" "5909183" "5946444" "5948040" "5949777" "5978770" "5987420" "5987421" "6069896" "6173209" "6329919").PN. OR ("6424623" "6529786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 17:14
S45	10	("3,675,204" "4,413,277" "5,172,313" "5,212,635" "5,239,460" "5,623,404" "5,684,964" "5,826,240" "5,956,695" "5,980,429").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:39
S46	3	("5444226" "5832458" "6792394").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:42
S47	4050	(queue near3 (management inference statistics measurement performance))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:43
S48	414	(queue near3 (management inference statistics measurement performance)).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:43
S49	157	(queue near3 (management inference statistics measurement performance)).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:43
S50	38	S49 and ("POS" (point near2 sale) transaction\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:47
S51	38	S50 and ("POS" (point near2 sale) transaction\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:46
S52	0	S51 not S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:47
S53	1712	S47 and ("POS" (point near2 sale) transaction\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:47
S54	276	S47 and ("POS" (point near2 sale))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:47
S55	150	S54 and (transaction\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:51

S56	192	queue adj (statistics performance inference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:51
S57	7	queue adj inference	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:51
S58	0	S57 not S56	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:52
S59	185	S56 not S57	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:52
S60	8	S59 and ("POS" (point near2 sale))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:53
S61	55697	(service wait) near2 (time duration length)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:53
S62	6543	service adj time	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:54
S63	303	S62 and (queue line) and ("POS" (point near2 sale))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:54
S64	36	(service adj time).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:56
S65	1	S64 and S63	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:54
S66	929	(service adj time).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 06:56
S67	10	S66 and (queue line) and ("POS" (point near2 sale))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 07:37
S68	28	"service-time"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/16 07:37
S69	6	("4788715" "5749074").PN. OR ("6023681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/16 07:38